

MD 322 IS ASSUMED TO RUN
IN A NORTH-SOUTH DIRECTION

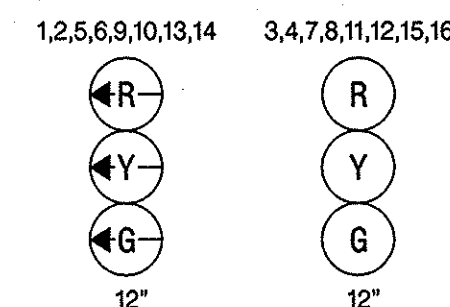
GENERAL NOTES

1. ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THE CONFLICT MAY BE RESOLVED.
2. ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCE AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.
3. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT BEING REMOVED SHALL BECOME THE PROPERTY OF THE SIGNAL CONTRACTOR UPON COMPLETION OF THE WORK.
4. DISCONNECT EXISTING INTERCONNECT CABLE FROM THE CONTROLLER AND PULL-BACK TO THIS HANDHOLE. INSTALL NEW HANDHOLES AND CONDUIT AND THEN RE-INSTALL CABLE THROUGH THE NEW CONDUIT TO THE NEW BASE MOUNTED CABINET.

CONSTRUCTION DETAILS

- A. INSTALL 27 FT. MAST ARM POLE WITH 50 FT/70 FT. MAST ARMS, SIGNAL HEADS, SIGNS, AND VIDEO DETECTION CAMERAS (NOTE: INSTALL 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS) CUT POLE TO 22 FT. HEIGHT
- B. EXISTING 27 FT. MAST ARM POLE WITH 50 FT/70 FT. MAST ARMS, SIGNAL HEADS, SIGNS, VIDEO DETECTION CAMERAS, AND 15 FT. STREET LIGHTING ARM WITH 250 WATT HPSV LUMINAIRE (NOTE: 2-3 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- C. EXISTING BASE MOUNTED CABINET AND CONTROLLER WITH ALL OTHER NECESSARY EQUIPMENT (NOTE: 2-2 IN. AND 2-4 IN. SCHEDULE 80, 90 DEGREE CONDUIT BENDS)
- D. INSTALL ELECTRICAL HANDHOLE
- E. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
- F. INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
- G. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - BORED
- H. INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL CONDUIT - TRENCHED
- I. INSTALL MICRO-LOOP PROBE
- J. VIDEO DETECTION ZONE
- K. EXISTING UNDERGROUND ELECTRIC SERVICE
- L. EXISTING UNDERGROUND ELECTRIC SERVICE
- M. INSTALL 24 IN. WHITE HEAT APPLIED PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING
- N. EXISTING METER SERVICE PEDESTAL
- O. REMOVE EXISTING STRAIN POLE AND ALL ASSOCIATED EQUIPMENT
- P. REMOVE EXISTING HANDHOLE
- Q. INSTALL ASSOCIATED SHIELD ASSEMBLY ON TWO 4 IN. X 6 IN. WOOD POSTS
- R. EXISTING CONDUIT
- S. EXISTING HANDHOLE
- T. INSTALL 3/8 IN. TEMPORARY STEEL SPAN WIRE FOR SIGNAL CABLES
- U. REMOVE 3/8 IN. TEMPORARY STEEL SPAN WIRE AND RE-ROUTE SIGNAL CABLES THROUGH NEW CONDUIT

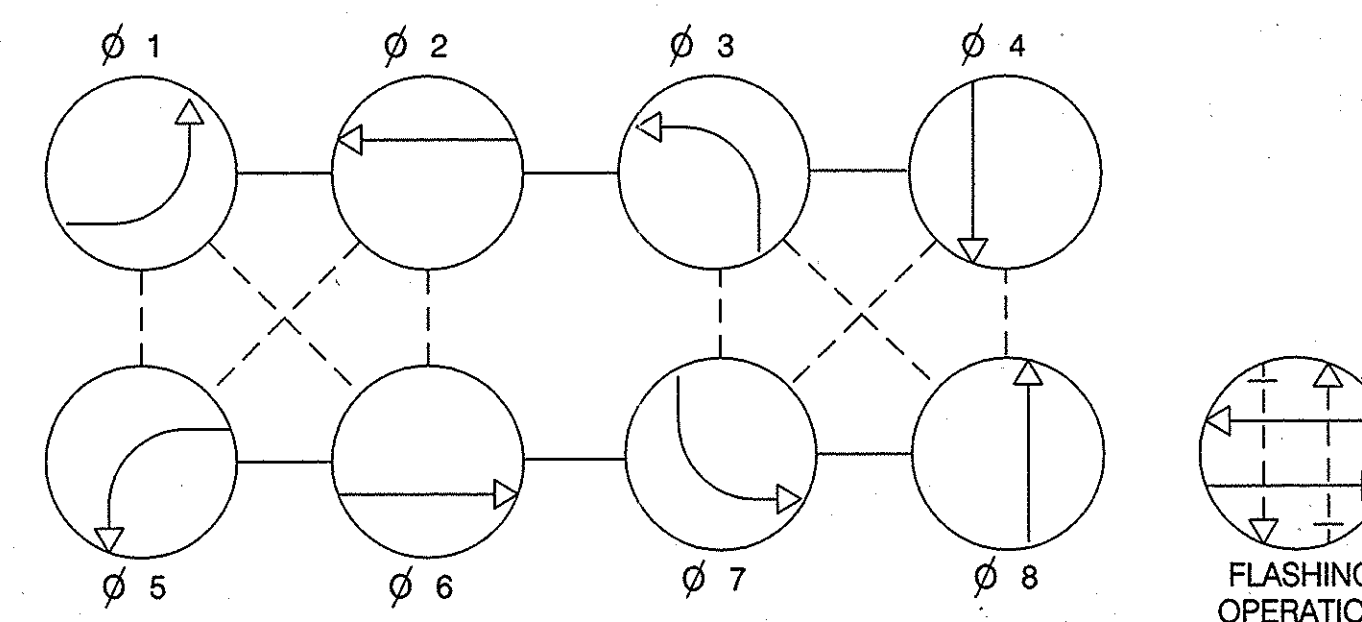
EXISTING SIGNALS



EXISTING VIDEO DETECTION CAMERAS

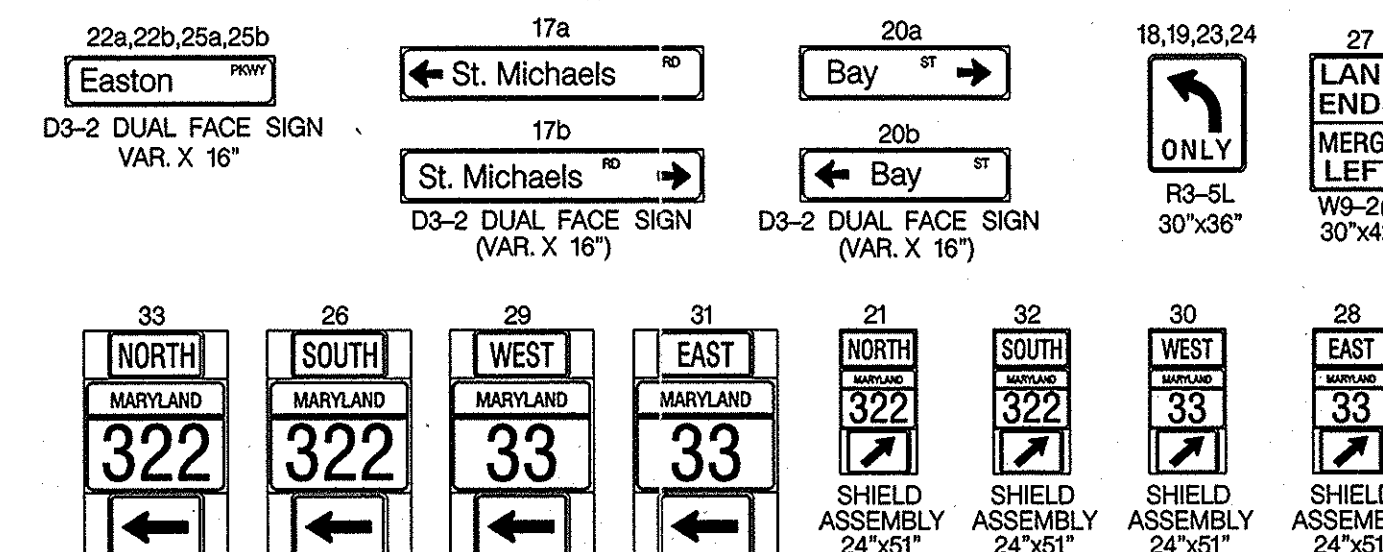


NEMA PHASING



- PHASING NOTES:
- 1) PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
 - 2) PHASES ASSOCIATED BY A DASHED LINE MAY OPERATE CONCURRENTLY.

EXISTING SIGNS



MD 322 (EASTON PARKWAY)

MD 322 (EASTON PARKWAY)

MD 33 (BAY ST)

MD 33 (ST. MICHAELS RD)

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

TRAFFIC CONCEPTS, INC.
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FAX (410) 923-6473 EMAIL TRACONCEPT@AOL.COM

PHASE 2

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION

TRAFFIC SIGNAL PLAN
MD 322 AND MD 33

APPROVALS		REVISIONS		SCALE 1"=20'		DATE		CONTRACT NO.			
<div>ORIGINAL ON FILE</div>		② RECONSTRUCT SIGNAL Phase 2 DUE TO WIDENING		SHA NO. BW-998M82		7-17-2006		TMZ			
		ASBUILT		SHA NO. BW-998M82		10-17-1997		F			
		GEOMETRIC IMPROVEMENTS		SHA NO. BW-998M82		10-17-1997		F			
		SHA NO. AWOIC1A51 AWOIC1B51 AWOIC1C51		SHA NO. AWOIC1A51 AWOIC1B51 AWOIC1C51		10-17-1997		F			
		E		SHA NO. AWOIC1A51 AWOIC1B51 AWOIC1C51		10-17-1997		F			
		INSTALL EP L.T. FOR WB MD 33		SHA NO. BW-998M82		10-17-1997		F			
OFFICE DIRECTOR		9-19-1995		SHA NO. BW-998M82		10-17-1997		F			
DESIGNED BY H. KILIAN				COUNTY TALBOT				DRAWN BY H. KILIAN		LOGMILE 20003322.98	
CHECKED BY				T.I.M.S. NO. 6697				F.A.P. NO.			
DRAWING NO. TS-1349G				SHEET NO. 2 OF 3							